

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

(x) Original () Supplemental () Substitute () PCT () Design

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: **POLYGONAL BARREL SPUTTERING DEVICE, POLYGONAL BARREL SPUTTERING METHOD, COATED FINE PARTICLE FORMED BY THE DEVICE AND METHOD, MICRO CAPSULE, AND METHOD OF PRODUCING THE MICRO CAPSULE**

of which is described and claimed in:

() the attached specification, or

() the specification in the application Serial No. _____ filed _____;
and with amendments through _____ (if applicable), or

(X) the specification in International Application No. PCT/JP2003/016244, filed December 18, 2003, and as amended on May 13, 2004 (if applicable).

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, '1.56.

I hereby claim priority benefits under Title 35, United States Code, '119 (and '172 if this application is for a Design) of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:


COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
Japan	2002-374111	December 25, 2002	Yes
Japan	2003-064695	March 11, 2003	Yes

I hereby claim the benefit under Title 35, United States Code '120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code '112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, '1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Warren M. Check, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; and Michael S. Huppert, Reg. No. 40,268, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from A.WATANABE & ASSOCIATES, PATENT ATTORNEYS "SHINPO", as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Direct Correspondence to Customer No:  000513 PATENT TRADEMARK OFFICE	Direct Telephone Calls to: WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone:(202) 721-8200 Fax:(202) 721-8250
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Full Name of First Inventor	FAMILY NAME ABE	FIRST GIVEN NAME Takayuki	SECOND GIVEN NAME
Residence & Citizenship	CITY Toyama-shi	STATE OR COUNTRY Toyama	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS c/o Hydrogen Isotope Research Center, Toyama University 3190, Gofuku,	CITY Toyama-shi,	STATE OR COUNTRY Toyama, Japan ZIP CODE 930-8555

Full Name of Second Inventor	FAMILY NAME WATANABE	FIRST GIVEN NAME Kuniaki	SECOND GIVEN NAME
Residence & Citizenship	CITY Toyama-shi	STATE OR COUNTRY Toyama	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS c/o Hydrogen Isotope Research Center, Toyama University 3190, Gofuku,	CITY Toyama-shi,	STATE OR COUNTRY Toyama, Japan ZIP CODE 930-8555

Full Name of Third Inventor	FAMILY NAME HONDA	FIRST GIVEN NAME Yuuji	SECOND GIVEN NAME
Residence & Citizenship	CITY Nagareyama-shi	STATE OR COUNTRY Chiba	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS c/o YOUTEC CO., LTD. 956-1, Nishi-hirai,	CITY Nagareyama-shi,	STATE OR COUNTRY Chiba, Japan ZIP CODE 270-0156

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor _____ Date _____
 Takayuki ABE

2nd Inventor _____ Date _____
 Kuniaki WATANABE

3rd Inventor Yuuji HONDA Yuuji Honda Date May 30 2005

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number _____ Atty Docket No. _____

Title of Invention _____

FP339115



Rev. 5/30/01

Effective March 1998

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

(x) Original () Supplemental () Substitute () PCT () Design

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: POLYGONAL BARREL SPUTTERING DEVICE, POLYGONAL BARREL SPUTTERING METHOD, COATED FINE PARTICLE FORMED BY THE DEVICE AND METHOD, MICRO CAPSULE, AND METHOD OF PRODUCING THE MICRO CAPSULE

of which is described and claimed in:

- () the attached specification, or
 () the specification in the application Serial No. _____ filed _____;
 and with amendments through _____ (if applicable), or
 (X) the specification in International Application No. PCT/JP2003/016244, filed December 18, 2003, and as amended on May 13, 2004 (if applicable).

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, '1.56.

I hereby claim priority benefits under Title 35, United States Code, '119 (and '172 if this application is for a Design) of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:


COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
Japan	2002-374111	December 25, 2002	Yes
Japan	2003-064695	March 11, 2003	Yes

I hereby claim the benefit under Title 35, United States Code '120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code '112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, '1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; and Michael S. Huppert, Reg. No. 40,268, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from A. WATANABE & ASSOCIATES, PATENT ATTORNEYS "SHINPO", as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Direct Correspondence to Customer No:  000513 PATENT TRADEMARK OFFICE	Direct Telephone Calls to: WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone:(202) 721-8200 Fax:(202) 721-8250
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Full Name of First Inventor	FAMILY NAME ABE	FIRST GIVEN NAME Takayuki	SECOND GIVEN NAME
Residence & Citizenship	CITY Toyama-shi	STATE OR COUNTRY Toyama	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS c/o Hydrogen Isotope Research Center, Toyama University 3190, Gofuku,	CITY Toyama-shi,	STATE OR COUNTRY Toyama, Japan ZIP CODE 930-8555

Full Name of Second Inventor	FAMILY NAME WATANABE	FIRST GIVEN NAME Kuniaki	SECOND GIVEN NAME
Residence & Citizenship	CITY Toyama-shi	STATE OR COUNTRY Toyama	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS c/o Hydrogen Isotope Research Center, Toyama University 3190, Gofuku,	CITY Toyama-shi,	STATE OR COUNTRY Toyama, Japan ZIP CODE 930-8555

Full Name of Third Inventor	FAMILY NAME HONDA	FIRST GIVEN NAME Yuuji	SECOND GIVEN NAME
Residence & Citizenship	CITY Nagareyama-shi	STATE OR COUNTRY Chiba	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS c/o YOUTEC CO., LTD. 956-1, Nishi-hirai,	CITY Nagareyama-shi,	STATE OR COUNTRY Chiba, Japan ZIP CODE 270-0156

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor Takayuki ABE Date 19 July, 2005
Takayuki ABE
2nd Inventor Kuniaki WATANABE Date 19 July, 2005
Kuniaki WATANABE
3rd Inventor _____ Date _____
Yuuji HONDA

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____
Applicant Reference Number _____ Atty Docket No. _____
Title of Invention _____